

## Product datasheet for **RC212681A1V**

### Human Syntenin (SDCBP) (NM\_001007067) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human Syntenin (SDCBP) (NM_001007067) AAV Particle                |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | Syntenin                                                          |
| Synonyms:                 | MDA-9; MDA9; ST1; SYCL; TACIP18                                   |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC212681 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTCTCTATCCATCTCTCGAAGACTTGAAGGTAGACAAAGTAATTCAGGCTCAAACCTGCTTTTTCTG  
CAAACCTGCCAATCCAGCAATTTGTGAGAAGCTTCTGCTCCTATCCCTCACGATGGAAATCTCTATCC  
CAGACTGTATCCAGAGCTCTCTCAATACATGGGCTGAGTTAAATGAAGAAGAAATACGTGCAATGTG  
GCCGTGGTTTCTGGTGCACCACTTCAGGGGCAGTTGGTAGCAAGACCTTCCAGTATAAACTATATGGTGG  
CTCCTGTAACCTGGTAATGATGTTGGAATTCGTAGAGCAGAAATTAAGCAAGGGATTCGTGAAGTCATTTT  
GTGTAAGGATCAAGATGGAAAAATTGGACTCAGGCTTAAATCAATAGATAATGGTATATTTGTTCAAGCTA  
GTCCAGGCTAATTCTCCAGCCTCATTGGTTGGTCTGAGATTTGGGGACCAAGTACTTCAGATCAATGGTG  
AAAACCTGTGCAGGATGGAGCTCTGATAAAGCGCACAAGGTGCTCAAACAGGCTTTTGGAGAGAAGATTAC  
CATGACCATTCTGTGACAGGCCCTTTGAACGGACGATTACCATGCATAAGGATAGCACTGGACATGTTGGT  
TTTATCTTTAAAAATGAAAAATAACATCCATAGTGAAAGATAGCTCTGCAGCCAGAAATGGTCTTCTCA  
CGGAACATAACATCTGTGAAATCAATGGACAGAATGTCATTGGATTGAAGGACTCTCAAATTGCAGACAT  
ACTGTCAACATCTGGGACTGTAGTTACTATTACAATCATGCCTGCTTTTATCTTTGAACATATTATTAAG  
CGGATGGCACCAAGCATTATGAAAAGCCTAATGGACCACACCATTCTGAGGTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC212681 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSLYPSLEDLKVQDKVIAQTAFSANPANPAILSEASAPIPHDGNLYPRLYPELSQYMGLSLNEEEIRANV<br/>           AVVSGAPLQGGQLVARPSSINYMVAPVTGNDVGIRRAEIKQGIREVILCKDQDGKIGLRKSIDNGIFVQL<br/>           VQANSPASLVGLRFGDQVLQINGENCAGWSSDKAHKVLKQAFGEKITMTIRDRPFERTITMHKDSTGHVG<br/>           FIFKNGKITSIVKDSSAARNGLLTEHNICEINGQNVIGLKDSQIADILSTSGTVVTITIMPAFIFEHIK<br/>           RMAPSIMKSLMDHTIPEV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ACCN:             | NM_001007067                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ORF Size:         | 894 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Stability:        | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.                        |
| RefSeq:           | <u>NM_001007067.1, NP_001007068.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| RefSeq Size:      | 2170 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:       | 897 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Locus ID:         | 6386                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt ID:       | <u>O00560</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics:     | 8q12.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MW:               | 32.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |